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DIRECTOR OF CENTRAL INTELLIGENCE  
Intelligence Information Handling Committee  
WASHINGTON, DC 20505

31 OCT 1984

IHC/MM 84-81  
29 October 1984

LOGGED

MEMORANDUM FOR: Col. Cummings USAF  
4513 ATTG /CC/  
Nellis AFB, NV 89191-5000

FROM:

[REDACTED]  
Vice Chairman, Intelligence Information  
Handling Committee

SUBJECT: Intelligence Community Video Disc Draft Standards and  
DMA RFP for Video Disc Production [REDACTED]

1. On 17 May 1984, the 4513 ATTG hosted a working level meeting at Nellis AFB in the Threat Training Facility. The purpose of the meeting was to insure that the 4513 ATTG's program to acquire an automated information handling and briefing system was compatible with existing counterpart developments within DOD. [REDACTED] and I attended this meeting on behalf of the Intelligence Community Staff to advise you of ongoing efforts in the Intelligence Community (IC) in the area of video disc mapping. [REDACTED]

2. Accordingly, I am transmitting a copy of the latest version of the Draft Guidelines and Standards being prepared by a working group of the IHC subcommittee on Geographic Information Systems. I am also attaching a copy of the portions of the Defense Mapping Agency's (DMA) request for proposal (RFP) which specifies the areas of the world on which video disc-based maps will be produced and a general idea of the types of maps to be included. [REDACTED]

3. As you will note from the standards, the specifics of the control software will be finally detailed by the contractor, once the contract is let and performance begins. There are two bids which are now being evaluated. We expect a contract to be let shortly and video discs should begin rolling off the production line early in 1985. In addition, the COINS PMO is in the process of letting a contract on behalf of NSA for the production of discs covering major portions of the USSR. We are informed that these discs will include all available maps of the USSR at a scale of 1/250,000 and WAC Charts of about 30 selected strategic areas. They will be produced to the same standards as the DMA discs. Production of this series will also begin early next year. [REDACTED]

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4. The control software interface to the video disc based maps is being designed so that computer-generated graphics and symbols can be automatically overlaid on displayed video images, based on geo-coordinates. Hardcopy prints of the computer generated displays can be produced by adding a printer to the hardware configuration. It is also possible to add maps, photos, and other graphics to the data base on an ad hoc basis by adding a stand-mounted video camera and video disc recorder/player to the configuration. Other possibilities could have discs produced which would include imagery references that paralleled the map discs. With easily written control software, this would allow an operator to switch back and forth between maps, imagery, and other graphics related to the same geographic area. Based upon our discussions which we had at Nellis, it appears to me that these capabilities are in line with the requirements which have been stated for the system which you are planning to develop. We will try to keep you informed of future developments. If you have any questions you may contact either [redacted] or me at [redacted]. Please keep us informed of the progress of your project.

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Attachments: a/s

[redacted]

Distribution:

Orig-Col Cummings, Nellis AFB, NV w/Att  
1-IHC Subject/EJR/w/Att  
1-IHC Chrono wo/Att  
1-ICS Registry wo/Att

25X1 DCI/ICS/IHC [redacted] (300ct84)

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GEOGRAPHIC/CARTOGRAPHIC VIDEO DISCS  
PRELIMINARY DRAFT STANDARDS AND GUIDELINES  
(SECOND REVISION)

October 1, 1984

Intelligence Information Handling Committee  
Geographic Information Systems Subcommittee